GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA

UNSTARRED QUESTION NO:1265
ANSWERED ON:12.12.2013
RAIN WATER HARVESTING
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Will the Minister of WATER RESOURCES be pleased to state:

(a) whether any study has been conducted on the quantum of rainfall received in Kerala during the last three years,

(b) if so, the details thereof;

(c) the mechanism adopted to harvest rain water in the State and the quantum of rain water saved during the last three years; and

(d) the measures being taken to reduce the depletion of groundwater and increase its availability in the State?

Answer

THE HON'BLE MINISTER OF WATER RESOURCES (SHRI HARISH RAWAT)

(a) & (b) India Meteorological Department (IMD), Trivandrum collects and analyses rainfall data in the State of Kerala through 70 rain gauge stations located in the State. As per its study, the annual normal rainfall for Kerala is 2924 mm and the quantum of rainfall received in last three years i.e., 2010, 2011 and 2012 was 3137mm, 3046mm and 2187mm respectively.

(c) Schemes for rainwater harvesting are planned/ implemented by concerned State agencies. Besides State Government, efforts for rainwater harvesting are made concurrently by Cooperative Group Housing Societies, NGOs, industries, individuals etc. Data on quantum of rainwater being harvested/ saved in the State is not maintained by any agency.

(d) As per the information received from State Government of Kerala, Groundwater (Control and Regulation) Act has been enacted by State Government for regulation and control of ground water extraction. The State Ground Water Department is implementing scheme of water conservation and artificial recharge in the State which includes construction of check-dams, sub-surface dykes, dug well recharge structures etc in areas where ground water is under stress. During the year 2012-13, an amount of Rs. 60lakhs was sanctioned by the State Government for implementation of 44 schemes. Besides, Central Ground Water Board (CGWB) under the Ministry of Water Resources had implemented 27 demonstrative artificial recharge projects in the State during XI Plan period. Mass Awareness Campaigns are being organized by CGWB in identified priority areas to create awareness among the stakeholders on the importance of water conservation, rainwater harvesting and artificial recharge to ground water. Water Management Training Programs are being conducted by CGWB for capacity building of stakeholders on various aspects of ground water management.